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PATENT
Attorney Docket No. **UM-08477**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Shaomeng Wang *et al.*		
Serial No.:	10/729,156	Group No.:	1614
Filed:	12/05/2003	Examiner:	Hui
Entitled:	**Small Molecule Antagonists of BCL-2 Family Proteins**		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. ? 1.8(a)(1)(i)(A)

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Date: March 21, 2007 By: Mary Ellen Waite

Sir or Madam:

Enclosed please find a Supplemental Information Disclosure Statement and Form PTO-1449, including copy of the reference contained thereon, for filing in the U.S. Patent and Trademark Office.

Applicant's believe no fee is required. If the Commissioner deems otherwise, the Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. **08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: March 21, 2007

Robert A. Goetz
Registration No. 55,210

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608/218-6900

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The citations listed below may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- CN 1406919
- CN 87105990
- CN 1033795
- CN 1094392

- DE 1917341
- JP 01132542
- RU 2067111
- SU 212245
- SU 322042

- Becattini et al., Rational Design and Real Time, In-Cell Detection of the Proapoptotic Activity of a Novel Compound Targeting Bcl-XL; Chem Biol 11:389 (2004)
- Brzezinski et al., Selective Esterification of Gossypol by Copper Acetate in Acetonitrile-Spectroscopi Studies; Spectroscopy Lett 27:1143 (1994)
- Dowd et al., Crystal and Molecular Structure of an Enantiomeric Gossypol-Acetic Acid Clathrate; J am Oil Chem Soc 76:1343 (1999)
- Dowd et al., A Correction to the Molecular Structure of Enantiomeric Gossypol; J Am Oil Chem Soc 78:1171 (2001)
- Dowd et al., The Gossypol-Cyclododecanone (1/2) inclusion Complex; Acta Crystallogr C 59:397 (2003)
- Dowd et al., The (-) –Gossypol-2,4-pentanedione (1:2) inclusion complex; J Chem Crystallogr 34:559 (2004)
- Freedman et al., Determination of the Absolute Configuration and Solution Conformation of Gossypol by Vibrational Circular Dichroism; Chirality 15:196 (2003)
- Gdaniec et al., Gossypol; Compregensive Supramolecular Chemistry6:117-200
- Gonzalez Correa et al., New Gossypol Derivatives; J Am Oil Chem Soc 43: 678 (1966)
- Han, X Y Jie He Za Zhi 2:159 (1982 (Chinese)
- Hei et al., Electron Microscope Examination of Biopsy of Testis Tissue from the Patients with Tumors after Oral Treatment with Gossypol; Acta Acad Med Sinicae 61:527 (1981) (Chinese with Translation)

- Jaroszewski et al., Effects of Gossypol on Drug-Sensitive and Drug-Resistant Cancer Cells; Proc Am Assoc Cancer Res 31:377 (1990)
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- Liu et al., The (-)-Enantiomer of Gossypol Possesses Higher Anticancer Potency than Racemic Gossypol in Human Breast Cancer; Ancticancer Res 22:33 (2002)
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- Tripathy et al., Gossypol Effects on Breast Cancer Oncogene Expression and Membrane Receptor Signal Transduction; Breast Cancer Res Treat 16:160 (1990)
- Vermel, The Search for Antitumour Substances of Plant Origin; Acta Unio Internationalis Contra Cancrum 20:211 (1964)
- Vermel et al., Voprosy Oncologii 10:88 (1964) (Russian)
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- Zhang et al., Comparison of the Killing Effect of Levorotatory, Dextrorotatory and Recemic Gossypol on HeLa Cells; Acta Acad Med Sinicae 7:384 (1985) (Chinese with translation)

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- Zhang et al., In Vitro Antiproliferative Effect of Two New Platinum-Containing Bile Acid Derivatives:Bamet-U2 and Bamet-D3; Anticancer Res 18:4807 (1998)

- Zhang et al., Differential Proliferative Responses to the (-)-enantiomer of Gossypol in Cultured Human Breast Epithelial and Stromal Cells; Proc Amer Assoc Cancer Res 40:4 (1999)

This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: 3-21-2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

Complete if Known	
Application Number	10/729,156
Filing Date	12/05/2003
First Named Inventor	Wang et al.
Art Unit	1614
Examiner Name	Hui
Attorney Docket Number	UM-08477

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
	1	CN 1406919	09/06/2001		entire document	
	2	CN 87105990	12/26/1987		entire document	
	3	CN 1033795	12/07/1989		entire document	
	4	CN 1094392 .	11/02/1994		entire document	
	5	DE 1917341			entire document	
	6	JP 01132542	04/03/1969		entire document	

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Sheet 2 of

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	7	RU 2067111			entire document	
	8	SU 212245			entire document	
	9	SU 322042			entire document	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	10	Becattini et al., Rational Design and Real Time, In-Cell Detection of the Proapoptotic Activity of a Novel Compound Targeting Bcl-XL; Chem Biol 11:389 (2004)	
	11	Brzezinski et al., Selective Esterification of Gossypol by Copper Acetate in Acetonitrile-Spectroscopi Studies; Spectroscopy Lett 27:1143 (1994)	
	12	Dowd et al., Crystal and Molecular Structure of an Enantiomeric Gossypol-Acetic Acid Clathrate; J am Oil Chem Soc 76:1343 (1999)	
	13	Dowd et al., A Correction to the Molecular Structure of Enantiomeric Gossypol; J Am Oil Chem Soc 78:1171 (2001)	
	14	Dowd et al., The Gossypol-Cyclododecanone (1/2) inclusion Complex; Acta Crystallogr C 59:397 (2003)	✓
	15	Dowd et al., The (-) –Gossypol-2,4-pentanedione (1:2) inclusion complex; J Chem Crystallogr 34:559 (2004)	✓
	16	Freedman et al., Determination of the Absolute Configuration and Solution Conformation of Gossypol by Vibrational Circular Dichroism; Chirality 15:196 (2003)	✓
	17	Gdaniec et al., Gossypol; Compregensive Supramolecular Chemistry6:117-200	
	18	Gonzalez Correa et al., New Gossypol Derivatives; J Am Oil Chem Soc 43: 678 (1966)	
	19	Han, X Y Jie He Za Zhi 2:159 (1982 (Chinese)	

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	32	Xu, A Laboratory Investigation on the Antitumor Effects of Gossypol; Med J Jinan Univ 2:39 (1987) (Chinese with translation)	
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	36	Zhang et al., In Vitro Antiproliferative Effect of Two New Platinum-Containing Bile Acid Derivatives:Bamet-U2 and Bamet-D3; Anticancer Res 18:4807 (1998)	
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